

<b>Search Notes</b>	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10580747	ESSAFI ET AL.
Examiner	Art Unit	
	BRUCE A WITZENBURG	2166

### SEARCHED

Class	Subclass	Date	Examiner
707	(All)	07/31/2008	BW
382	(All)	07/31/2008	BW
704	(All)	07/31/2008	BW
706	(All)	07/31/2008	BW
725	(All)	07/31/2008	BW
707	2	07/31/2008	BW
707	3	07/31/2008	BW
707	4	07/31/2008	BW
707	5	07/31/2008	BW
707	6	07/31/2008	BW
707	7	07/31/2008	BW
707	102	07/31/2008	BW
707	103R	07/31/2008	BW
707	103X	07/31/2008	BW
707	103Y	07/31/2008	BW
707	103Z	07/31/2008	BW
707	104.1	07/31/2008	BW

### SEARCH NOTES

Search Notes	Date	Examiner
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties)	07/30/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and (vector or distance)	07/30/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and ("382" or "704" or "705" or "706" or "707" or "725").clas.	07/30/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and ("382" or "704" or "705" or "706" or "707" or "725").clas. and (matrix or vector or property or characteristic)	07/30/2008	BW

## SEARCH NOTES

Search Notes	Date	Examiner
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and ("707".clas. and (matrix or vector or property or characteristic)	07/30/2008	BW
(characteristic or group or property) with (similarity or rating) same (index or search) and "707".CLAS.	07/30/2008	BW
(group or grouping) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(category) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(classification) with (category) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(classification) with (distance) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(group or grouping or classification or directory) with (distance) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(group or grouping or classification or directory) with (distance) same (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(group or grouping or classification or directory) same (distance) with (similarity or rating) same (index or search) and "707".CLAS.	07/31/2008	BW
(group or grouping or classification or directory) with (distance) with (similarity or rating) same (index or search) and ("707" or "706" or "704" or "725" or "382").CLAS.	07/31/2008	BW
(group or grouping or classification or directory) same (distance) with (similarity or rating) same (index or search) and ("707" or "706" or "704" or "725" or "382").CLAS.	07/31/2008	BW
(group or grouping or classification or directory) with (distance) same (similarity or rating) same (index or search) and ("707" or "706" or "704" or "725" or "382").CLAS.	07/31/2008	BW
(classification) with (distance) with (similarity or rating) same (index or search) and ("707" or "706" or "704" or "725" or "382").CLAS.	07/31/2008	BW
"dimensional similarity join"	07/31/2008	BW
dimensional adj5 join same nearest adj3 neighbor	07/31/2008	BW
dimensional adj5 join same nearest	07/31/2008	BW
dimensional adj5 join	07/31/2008	BW
dimensional adj5 join and ("707" or "706" or "704" or "725" or "382").CLAS.	07/31/2008	BW
dimensional adj5 join same (group or class or classification)	07/31/2008	BW
dimensional adj5 join same (group or characteristic or property)	07/31/2008	BW
dimensional adj5 join same (group or grouping)	07/31/2008	BW
dimensional adj5 join same (distance or vector)	07/31/2008	BW
dimensional adj3 join	07/31/2008	BW
dimensional adj3 join same rating	07/31/2008	BW
dimensional adj3 join same (category)	07/31/2008	BW
(characteristic or group or property) with (similarity or rating) same (index or search) and "707".CLAS. and dimensional adj5 join	07/31/2008	BW

## SEARCH NOTES

Search Notes	Date	Examiner
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and dimensional adj5 join	07/31/2008	BW
dimensional adj5 join same distance same matrix	07/31/2008	BW
dimensional adj5 join same distance and matrix	07/31/2008	BW
dimensional adj5 join same (distance or vector) and matrix	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and (distance or vector) same matrix	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and (distance or vector) same matrix and "707".CLAS.	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and (distance or vector) same matrix and "707".CLAS.	07/31/2008	BW
(characteristic or group or property) with (similarity or rating) same (index or search) and "707".CLAS. and distance same matrix	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and (vector or distance) and distance same matrix	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and distance same matrix	07/31/2008	BW
(indexing or index or searching) near4 (create or creating or determining or determine or group or grouping or associate or associating) with (concept or similarity or similarities or metrics or properties) and distance same matrix and ("302" or "704" or "705" or "706" or "707" or "725").clas.	07/31/2008	BW
(707/2 or 707/3 or 707/4 or 707/5 or 707/6 or 707/7 or 707/102 or 707/103R or 707/103Y or 707/103Z or 707/104.1).cls. and dimensional adj5 join same (distance or vector) and matrix	07/31/2008	BW
(707/2 or 707/3 or 707/4 or 707/5 or 707/6 or 707/7 or 707/102 or 707/103R or 707/103Y or 707/103Z or 707/104.1).cls. and dimensional adj5 join	07/31/2008	BW
(707/2 or 707/3 or 707/4 or 707/5 or 707/6 or 707/7 or 707/102 or 707/103R or 707/103Y or 707/103Z or 707/104.1).cls. and dimensional adj3 join same rating	07/31/2008	BW
(707/2 or 707/3 or 707/4 or 707/5 or 707/6 or 707/7 or 707/102 or 707/103R or 707/103Y or 707/103Z or 707/104.1).cls. and dimensional adj3 join same category	07/31/2008	BW
Double Patenting Search Performed	07/31/2008	BW
NPL search for "dimensional similarity join" (Google.com)	07/31/2008	BW
NPL search for "dimensional join" (Google.com)	07/31/2008	BW
NPL search for "directory indexing" (Google.com)	07/31/2008	BW
NPL search for "classification matrix" (Google.com)	07/31/2008	BW

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Search Notes	Date	Examiner
NPL search for "category indexing" (Google.com)	07/31/2008	BW
NPL search for "category rating index" (Google.com)	07/31/2008	BW
(image or video or multimedia or audio) near3 (fingerprint or fingerprinting)	02/13/2009	BW
(image or video or multimedia or audio) near3 (fingerprint or fingerprinting) same (index or indexing)	02/13/2009	BW
(image or video or multimedia or audio) near3 (fingerprint or fingerprinting) same (index or indexing) and (copyright or copy) with (detect or detection or prevention)	02/13/2009	BW
(image or video or multimedia or audio) near3 (fingerprint or fingerprinting) same (index or indexing) and (copyright or copy)	02/13/2009	BW
NPL search for "ADVESTIGO"	02/13/2009	BW
NPL search for "image fingerprinting" (google.com)	02/13/2009	BW
NPL search for "image fingerprint" (google.com)	02/13/2009	BW
NPL search for "video fingerprint" (google.com)	02/13/2009	BW
NPL search for "video fingerprinting" (google.com)	02/13/2009	BW
NPL search for "audio fingerprinting" (google.com)	02/13/2009	BW
NPL search for "audio fingerprint" (google.com)	02/13/2009	BW
NPL search for "concept dictionary" (google.com)	02/13/2009	BW
"concept dictionary" (google.com/patents)	02/13/2009	BW
dimensional "image fingerprint" (google.com/patents)	02/13/2009	BW
"image fingerprint" (google.com/patents)	02/13/2009	BW
"image classification" (google.com/patents)	02/13/2009	BW
NPL search for concept dictionary (ACM digital library)	02/13/2009	BW
NPL search for "image fingerprint" (ACM digital library)	02/13/2009	BW
NPL search for "image classification" (ACM digital library)	02/13/2009	BW
NPL search for "concept dictionary" (IEEE Xplore)	02/13/2009	BW
NPL search for "image fingerprint" (IEEE Xplore)	02/13/2009	BW
NPL search for "image classification" (IEEE Xplore)	02/13/2009	BW

## INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
707	6	7/31/20098	BW